1.2.5

$X = [6,4,0,2]$, $r = 5$

a.) $Y = [6,0,0,0]$ Percent Reduc. $= \frac{100(m-k)}{m}$

b.) $m = 3$, $k = 1$

$\%_R = 66.67\%$

$\%_R : \frac{100(3-1)}{3} = \frac{200}{3} = 66.67\%$

C.) Compression Ratio $= m:k$ $c_R = 3:1$